

**Amendments to the Specification:**

Please replace paragraph [0005] with the following paragraph:

[0005]           In accordance with one aspect of the present invention, an image processing device is provided for removing fixed pattern noise in images captured by an image pickup device mounted on a vehicle. The image processing system includes a memory on which is stored multiple images captured by the image pickup device while the vehicle is running; and a controller adapted to generate correction data by extracting the high spatial frequency components from portions of the stored images and to use the correction data to remove fixed pattern noise from images captured by the image pickup device.